

EPA Official Record

Notes ID: AD91F13EA814157E85257869005490C2

From: Dave Dickerson/R1/USEPA/US

To: "Rigassio-Smith, Anita" <Anita.Rigassio-Smith@jacobs.com>

Copy To: "Fox, Steve (New Bedford)" <Steve.Fox@jacobs.com>; Maryellen.lorio@usace.army.mil; Mark.J.Anderson.Jr@usace.army.mil; thomas.j.fredette@usace.army.mil

Delivered Date: 05/06/2010 04:08 PM EDT

Subject: Re: LHCC Cap Carbon layer - Reactive Core Mats

Anita - thanks, this is helpful. But rereading the draft ERDC model the suggestion was to use AC in the CAD cell between placement seasons to minimize season to season losses PRIOR to capping.

How much was the cost you developed for the cap with reactive core mat?

Maybe we should have a conference call with the ERDC folks to resolve this.

Dave

▼ "Rigassio-Smith, Anita" ---05/06/2010 03:40:47 PM---Hi Dave, In response to your request for adding a cost to include activated carbon with the LHCC cap

From: "Rigassio-Smith, Anita" <Anita.Rigassio-Smith@jacobs.com>

To: Dave Dickerson/R1/USEPA/US@EPA

Cc: "Fox, Steve (New Bedford)" <Steve.Fox@jacobs.com>

Date: 05/06/2010 03:40 PM

Subject: LHCC Cap Carbon layer - Reactive Core Mats

Hi Dave,

In response to your request for adding a cost to include activated carbon with the LHCC cap, I did some research and have come up with a technology that I have discussed with folks here and feel is a feasible and effective solution for our application. I have also developed a cost with input from the vendor. So that you can get an idea of the technology, I have attached an article that I found useful in explaining the construction and installation of the reactive carbon mats. Evidently, SES has already used this technology on the Island End River Sediment Cap project in Boston. Also, the vendor tells me that there will be another installation of this technology in Lowell, MA later this summer, and has invited us to observe the process.

Let me know if you think this will satisfy the request to include activated carbon in the cap to minimize the potential for PCB flux through the cap to the water column, or any other thoughts you may have.

Anita

Anita Rigassio Smith | JACOBS | 103 Sawyer Street, New Bedford, MA 02532 | 508.996.5462 x210 | 508.802.7320 (cell) | www.JACOBS.com

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.[attachment "Stryker Bay Cap with Carbon.pdf" deleted by Dave Dickerson/R1/USEPA/US]